



**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE**  
(AUTONOMOUS)  
(Accredited by NAAC)/ (An ISO 9001:2015 Certified Institution)  
SUNDARAKKOTTAI, MANNARGUDI-614016.

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**REPORT OF THE NATIONAL CONFERENCE**

***“Microbial Insights: Current Trends, Challenges, and Future Frontiers”***

The two-day National Conference on “*Microbial Insights: Current Trends, Challenges, and Future Frontiers*” – 2025 was organized by the PG and Research Department of Microbiology, in association with the Microbiologists Society, India (MBSI), and the Internal Quality Assurance Cell (IQAC) of S.T.E.T Women's College (Autonomous), Sundarakkottai, Mannargudi.

The conference aimed to provide a platform for researchers to share their findings and insights on the role of the microbiome across various domains, contributing to the development of a better future. The event witnessed enthusiastic participation from over 150 research scholars, faculty members, and students representing four universities and 15 colleges across the country. National-level officials and experts also took part in discussions on recent advancements in microbiological research.

The first day of the conference started with an inaugural session with a welcome note and conference overview by Dr.M.Kannahi, Associate professor and Head . The inaugural address was given by Dr. N.Uma Maheswari, Principal STET Women's College, Autonomous. Key note address was delivered by Dr.A.Paneer Selvam, Editor in Chief, STET Journal. The conference proceedings was released by our Principal Dr.N.Uma Maheswari and received by Dr. Dr.A.Paneer Selvam and Resource persons. Four expertise persons delivered their invited talk about the recent research on microbiomes in medicine and human health.

Dr.N.Prabhusaran, Research Faculty of Microbiology, Trichy SRM Medical College Hospital and Research, Affiliated to Dr. M.G.R Medical University, Tiruchirappalli, Tamilnadu. Dr. B. Puvarajan, Professor, TANUVAS, Regional Research and Educational Centre Industrial Estate Post, Pudukkottai. Dr. Joseph Selvin, Professor, Department of Microbiology, School of Life Science, Kalapet, Pondicherry University, Pondicherry. Dr. N.Sivakumar, Assistant Professor, School of Biotechnology, Madurai Kamaraj University, Madurai, Tamil Nadu.

Several researchers from St.Joseph University Nagaland, Pondichery University, NTBGRI, Kerala, Trichy SRM Medical University, Tamil Nadu Agricultural University of Veterinary and Animal Sciences, Pudukkottai, Seethalakshmi Ramasamy college, Trichy,

Cauvery college for women, Srimathi Indira Gandhi College, Trichy, Srimad andavan College of arts and Science, Trichy, A. V.V.M Sri Pushpam College, Poondi, Mass college, Kumbakonum, Meenatchi Chandrasekaran College, Pattukkottai, Mannai Rajagopalasamy College, Mannargudi contributed their research findings in the proceedings. Excellent presentations will be awarded with Prizes and certificates.



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**TAMILNADU, INDIA.**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**National conference 2025**







## National Conference on “Microbial Insights: Current Trends, Challenges, and Future Frontiers”



The National Conference on “Microbial Insights: Current Trends, Challenges, and Future Frontiers” was organised for two days by the PG and Research Department of Microbiology in association with the Microbiologists Society, India (MBSI) and the Internal Quality Assurance Cell (IQAC) and S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi. Participants from various universities and colleges, Dr M. Kannahi, Associate Professor and Head of



the Department of Microbiology, Dr N. Uma Maheswari, Principal of S.T.E.T Women's College (Autonomous), Dr A. Paneer Selvam, Editor-in-Chief of the S.T.E.T Journal, Dr N. Uma Maheswari and Dr A. Paneer Selvam were present. Dr N. Prabhusaran, Trichy SRM Medical College Hospital and Research, Dr B. Puvarajan, TANUVAS, Regional Research and Educational Centre, Industrial Estate Post, Pudukkottai, Dr Joseph Selvin, School of Life Science, Kalapet, Pondicherry University and Dr. N. Sivakumar, Madurai Kamaraj University, Madurai delivered the speeches.